


|  |                         |   |  |
|--|-------------------------|---|--|
| <b>Issue Classification</b><br> | Application/Control No. | Applicant(s)/Patent under Reexamination |  |
|  | 10/633,552              | KIKKAWA ET AL.                          |  |
|  | Examiner                | Art Unit                                |  |
|  | Wayne Langel            | 1754                                    |  |

| ISSUE CLASSIFICATION         |          |       |                                   |       |     |     |     |     |     |
|------------------------------|----------|-------|-----------------------------------|-------|-----|-----|-----|-----|-----|
| ORIGINAL                     |          |       | CROSS REFERENCE(S)                |       |     |     |     |     |     |
| CLASS                        | SUBCLASS | CLASS | SUBCLASS (ONE SUBCLASS PER BLOCK) |       |     |     |     |     |     |
| 220                          | 581      | 216   | 52                                | 53    | 99  | 100 |     |     |     |
| INTERNATIONAL CLASSIFICATION |          | 423   | 406                               | 415.1 | 439 | 481 | 483 | 491 | 492 |
| B44C                         | 1122     | 423   | 494                               | 500   |     |     |     |     |     |
| F17C                         | 1100     |       |                                   |       |     |     |     |     |     |
|                              | /        |       |                                   |       |     |     |     |     |     |
|                              | /        |       |                                   |       |     |     |     |     |     |
|                              | /        |       |                                   |       |     |     |     |     |     |

|  |  |   |  |   |  |
|--|--|---|--|---|--|
| _____<br>(Assistant Examiner) (Date)               |  | Wayne A. Langel<br>GAU 1754<br>Wayne A. Langel<br>(Primary Examiner) (Date) 10-6-05 |  | Total Claims Allowed: 6                       |  |
| VB 10/17/05<br>(Legal Instruments Examiner) (Date) |  |   |  | O.G. Print Claim(s) 2, 3<br>O.G. Print Fig. 1 |  |

|   |          |                              |          |                               |          |                                 |          |
|---|----------|------------------------------|----------|-------------------------------|----------|---------------------------------|----------|
| <input checked="" type="checkbox"/> Claims renumbered in the same order as presented by applicant |          | <input type="checkbox"/> CPA |          | <input type="checkbox"/> T.D. |          | <input type="checkbox"/> R.1.47 |          |
| Final   | Original | Final                        | Original | Final                         | Original | Final                           | Original |
| 1   | 1        |                              | 31       |                               | 61       |                                 | 121      |
| 2   | 2        |                              | 32       |                               | 62       |                                 | 122      |
| 3   | 3        |                              | 33       |                               | 63       |                                 | 123      |
| 4   | 4        |                              | 34       |                               | 64       |                                 | 124      |
| 5   | 5        |                              | 35       |                               | 65       |                                 | 125      |
| 6   | 6        |                              | 36       |                               | 66       |                                 | 126      |
|   | 7        |                              | 37       |                               | 67       |                                 | 127      |
|   | 8        |                              | 38       |                               | 68       |                                 | 128      |
|   | 9        |                              | 39       |                               | 69       |                                 | 129      |
|   | 10       |                              | 40       |                               | 70       |                                 | 130      |
|   | 11       |                              | 41       |                               | 71       |                                 | 131      |
|   | 12       |                              | 42       |                               | 72       |                                 | 132      |
|   | 13       |                              | 43       |                               | 73       |                                 | 133      |
|   | 14       |                              | 44       |                               | 74       |                                 | 134      |
|   | 15       |                              | 45       |                               | 75       |                                 | 135      |
|   | 16       |                              | 46       |                               | 76       |                                 | 136      |
|   | 17       |                              | 47       |                               | 77       |                                 | 137      |
|   | 18       |                              | 48       |                               | 78       |                                 | 138      |
|   | 19       |                              | 49       |                               | 79       |                                 | 139      |
|   | 20       |                              | 50       |                               | 80       |                                 | 140      |
|   | 21       |                              | 51       |                               | 81       |                                 | 141      |
|   | 22       |                              | 52       |                               | 82       |                                 | 142      |
|   | 23       |                              | 53       |                               | 83       |                                 | 143      |
|   | 24       |                              | 54       |                               | 84       |                                 | 144      |
|   | 25       |                              | 55       |                               | 85       |                                 | 145      |
|   | 26       |                              | 56       |                               | 86       |                                 | 146      |
|   | 27       |                              | 57       |                               | 87       |                                 | 147      |
|   | 28       |                              | 58       |                               | 88       |                                 | 148      |
|   | 29       |                              | 59       |                               | 89       |                                 | 149      |
|   | 30       |                              | 60       |                               | 90       |                                 | 150      |
|   |          |                              |          |                               |          |                                 | 151      |
|   |          |                              |          |                               |          |                                 | 152      |
|   |          |                              |          |                               |          |                                 | 153      |
|   |          |                              |          |                               |          |                                 | 154      |
|   |          |                              |          |                               |          |                                 | 155      |
|   |          |                              |          |                               |          |                                 | 156      |
|   |          |                              |          |                               |          |                                 | 157      |
|   |          |                              |          |                               |          |                                 | 158      |
|   |          |                              |          |                               |          |                                 | 159      |
|   |          |                              |          |                               |          |                                 | 160      |
|   |          |                              |          |                               |          |                                 | 161      |
|   |          |                              |          |                               |          |                                 | 162      |
|   |          |                              |          |                               |          |                                 | 163      |
|   |          |                              |          |                               |          |                                 | 164      |
|   |          |                              |          |                               |          |                                 | 165      |
|   |          |                              |          |                               |          |                                 | 166      |
|   |          |                              |          |                               |          |                                 | 167      |
|   |          |                              |          |                               |          |                                 | 168      |
|   |          |                              |          |                               |          |                                 | 169      |
|   |          |                              |          |                               |          |                                 | 170      |
|   |          |                              |          |                               |          |                                 | 171      |
|   |          |                              |          |                               |          |                                 | 172      |
|   |          |                              |          |                               |          |                                 | 173      |
|   |          |                              |          |                               |          |                                 | 174      |
|   |          |                              |          |                               |          |                                 | 175      |
|   |          |                              |          |                               |          |                                 | 176      |
|   |          |                              |          |                               |          |                                 | 177      |
|   |          |                              |          |                               |          |                                 | 178      |
|   |          |                              |          |                               |          |                                 | 179      |
|   |          |                              |          |                               |          |                                 | 180      |
|   |          |                              |          |                               |          |                                 | 181      |
|   |          |                              |          |                               |          |                                 | 182      |
|   |          |                              |          |                               |          |                                 | 183      |
|   |          |                              |          |                               |          |                                 | 184      |
|   |          |                              |          |                               |          |                                 | 185      |
|   |          |                              |          |                               |          |                                 | 186      |
|   |          |                              |          |                               |          |                                 | 187      |
|   |          |                              |          |                               |          |                                 | 188      |
|   |          |                              |          |                               |          |                                 | 189      |
|   |          |                              |          |                               |          |                                 | 190      |
|   |          |                              |          |                               |          |                                 | 191      |
|   |          |                              |          |                               |          |                                 | 192      |
|   |          |                              |          |                               |          |                                 | 193      |
|   |          |                              |          |                               |          |                                 | 194      |
|   |          |                              |          |                               |          |                                 | 195      |
|   |          |                              |          |                               |          |                                 | 196      |
|   |          |                              |          |                               |          |                                 | 197      |
|   |          |                              |          |                               |          |                                 | 198      |
|   |          |                              |          |                               |          |                                 | 199      |
|   |          |                              |          |                               |          |                                 | 200      |
|   |          |                              |          |                               |          |                                 | 201      |
|   |          |                              |          |                               |          |                                 | 202      |
|   |          |                              |          |                               |          |                                 | 203      |
|   |          |                              |          |                               |          |                                 | 204      |
|   |          |                              |          |                               |          |                                 | 205      |
|   |          |                              |          |                               |          |                                 | 206      |
|   |          |                              |          |                               |          |                                 | 207      |
|   |          |                              |          |                               |          |                                 | 208      |
|   |          |                              |          |                               |          |                                 | 209      |
|   |          |                              |          |                               |          |                                 | 210      |